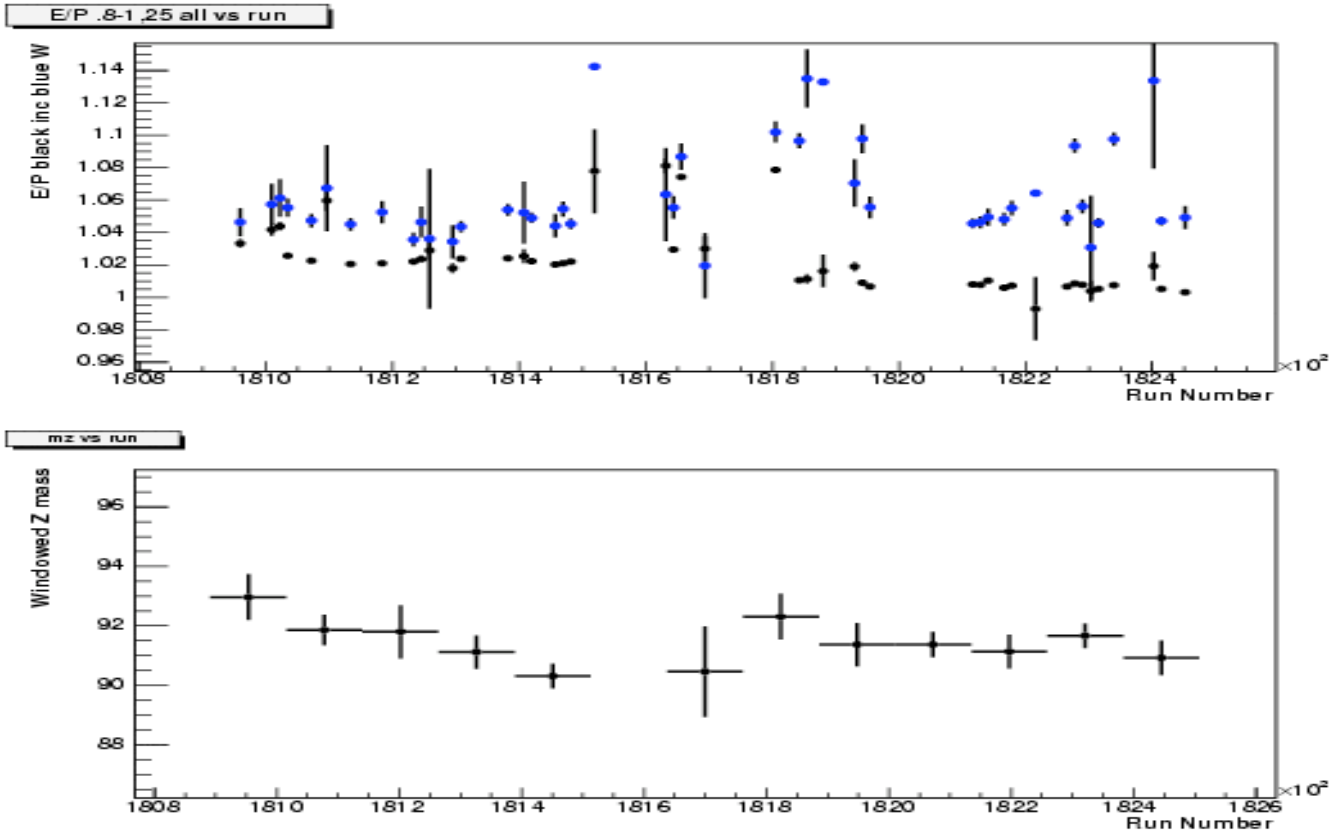
New anti-improved reduced COT data and calibrating CEM

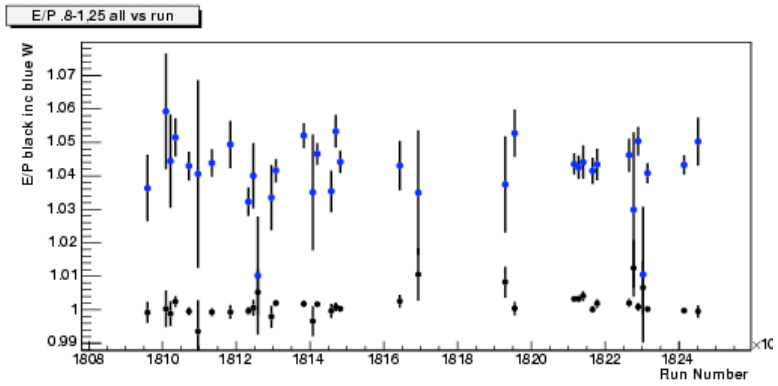
- Old reduced data had 3 stereo SLs, demand hits in all and all was fine
- More recent reduced data has 2 stereo SLs, expect troubles
- No surprise to find troubles, but details are unexpected
- Good news, it works if you ask for si hits (but still use beam constrained COT track for pt, cot)
- Bad news is you have to ask for si hits
- Look >180000 (some non-reduced data early)

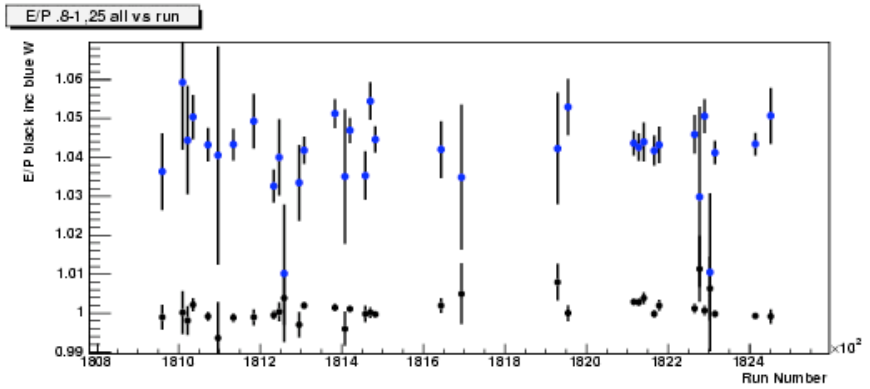
Run dependence “before”

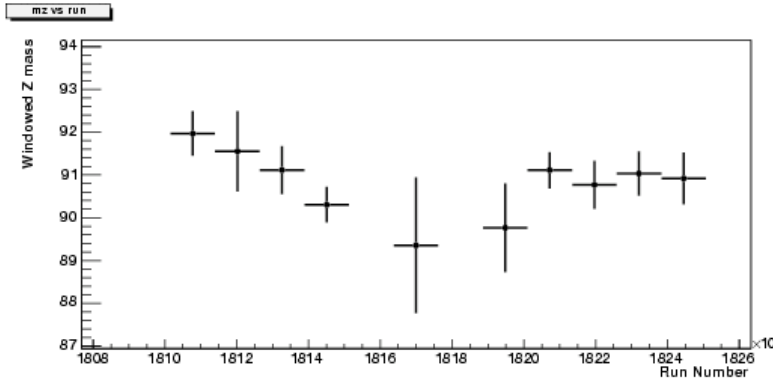


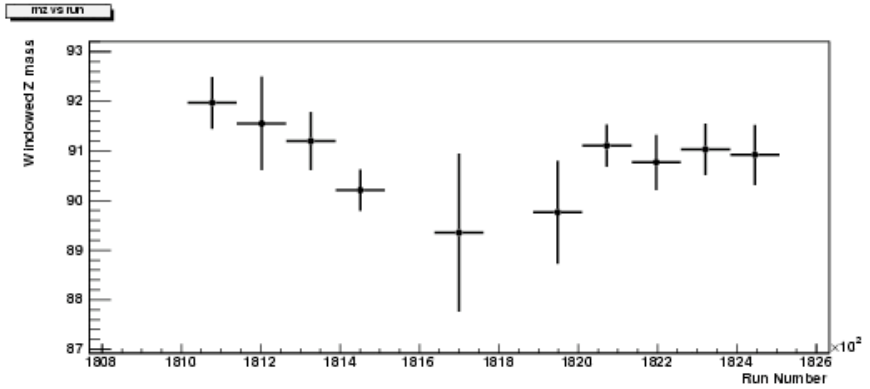
Jumpy! Made W E/P flat for “plurality then inclusive, also jumpy Decline. Zs not so bad but there is a dz0 cut

Ask for silicon and is ok





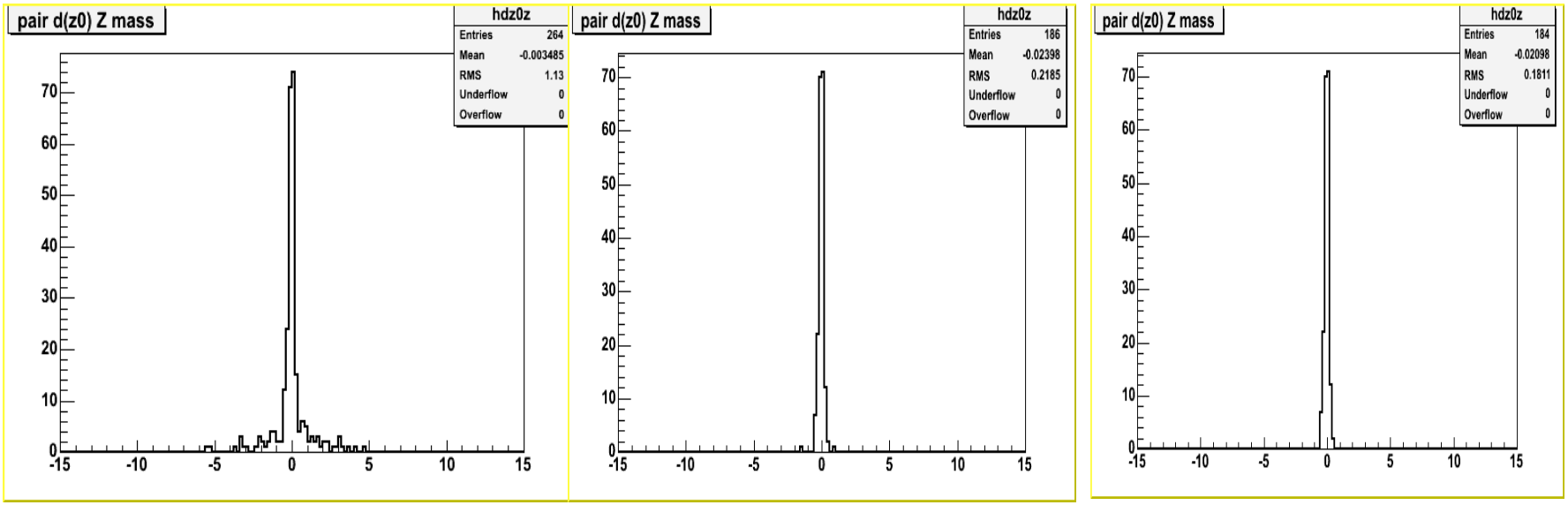




2+ axial hits

And 1+ z hit

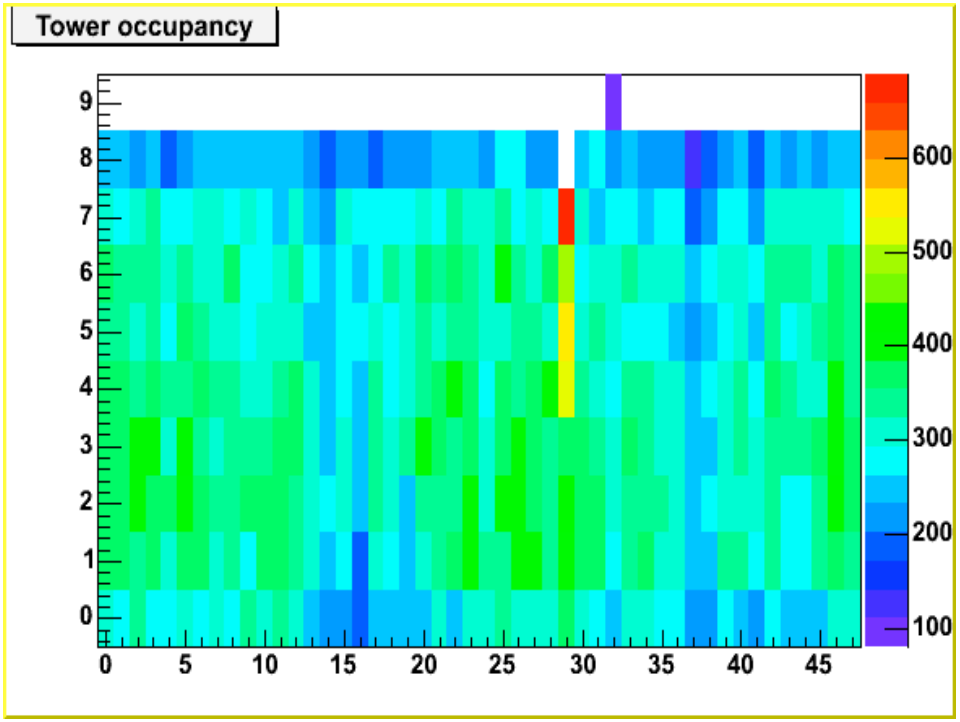
What is happening?

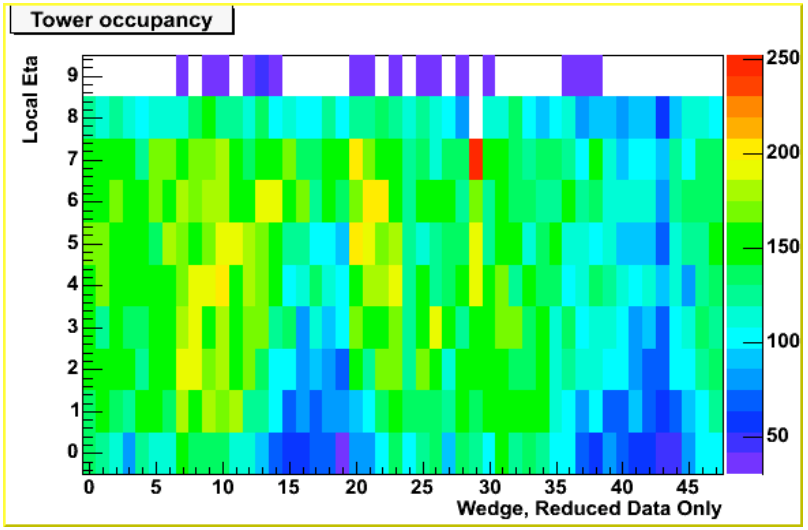


These are Zs in mass peak, tails in dz0 cut by asking for si hits, z hit cleans up completely

Take efficiency hit (67%), lose lots of runs these days, ok if coverage even

Silicon covers the CEM





Old 2 off reduced data

Former inlet side not so good any more. This is run>181200
Pattern is somewhat different, no SL3 = more even?